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COCOM DOCUMENT 3415.00/1

Copy No. 51

5. General

COORDINATING COMMITTEEItems 1549, 1558 and 1920Memorandum by The United Kingdom Delegation

In preparation for the discussion fixed for March 12 on the outstanding questions on Items 1549, 1558 and 1920 the United Kingdom Delegation have certain comments and proposals to make.

Item 1549(a): Photomultiplier Tubes

We agree with the Netherlands view (paragraph 2 of COCOM Document 3415.49/2) that the figures for sensitivity suggested by the French Delegation for colour temperatures of 2850°K are too high. As a result of some tests which have been carried out it appears that the variation of sensitivity with change of temperature from 2350° to 2854°K is of the order of 5 - 6% increase. Our view, therefore, was that even if the figure of 60 microamperes per lumen should be retained this would not result in any real extension of the embargo originally intended. However, if it will assist in reaching agreement we are prepared to see the figure of 60 microamperes per lumen raised to 65 microamperes per lumen. We propose the following redefinition:-

- (a) Photomultiplier tubes with all the following characteristics for colour temperatures from 2350°K to 2870°K inclusive according to the method of measurement:-
 - (i) Cathode sensitivity in excess of 65 microamperes per lumen.
 - (ii) No change, as at present defined.
 - (iii) No change, as at present defined.
- (b) No change, as at present defined.

Item 1558(d)(1): Electronic Valves

This clause was drafted in order to provide a means of embargoing reliable or "ruggedised" valves. In the opinion of the United Kingdom experts the test which differentiates between the ordinary valve and the reliable type is vibration at a stated frequency for an extended period. We understand this to be the view of United States experts also. The United States use a frequency of 25 cycles per second, whereas the United Kingdom uses 170 cycles per second. The particular test to be applied to a given valve is contained in the specification for that valve. The type of test suggested by the French expert, as reported in COCOM 3415.58/2, is of an entirely different nature. In view of the existing specified tests we do not consider it is practical to adopt a different type of test in I.L. 1558.

To remove any doubt about the present wording of the definition the United Kingdom experts suggest that the wording of

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the present definition should be revised to read:-

"..... for continuous periods in excess of 20 hours at any specified frequency from 25 cycles per second to 170 cycles per second inclusive."

Item 1920: Synthetic Film for Dielectric Use

We propose the following redefinition:-

"Synthetic film for dielectric use (condenser tissue) of 0.0015 in (0.038 mm) or less in thickness capable of being used for condensers covered by the definition of Item 1560."

MAR 18 1 04 PM '59

United Kingdom Delegation,
Paris.

March 7, 1959.

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